

Title (en)
A DENTAL APPLIANCE HAVING A DUPLICATED TOOTH AREA AND/OR A PREDICTED TOOTH AREA AND A METHOD FOR CORRECTING THE POSITION OF THE TEETH OF A PATIENT

Title (de)
DENTALVORRICHTUNG MIT DUPLIZIERTEM ZAHNBEREICH UND/ODER VORHERGESAGTEM ZAHNBEREICH UND VERFAHREN ZUR KORREKTUR DER ZAHNSTELLUNG EINES PATIENTEN

Title (fr)
APPAREIL DENTAIRE POSSEDANT UNE ZONE DENTAIRE REPRODUITE ET/OU UNE ZONE DENTAIRE PREVUE, ET PROCEDE DESTINE A CORRIGER LA POSITION DES DENTS D'UN PATIENT

Publication
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Application
EP 03734306 A 20030529

Priority
• US 0317163 W 20030529
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Abstract (en)
[origin: US2003224314A1] A dental appliance and a method for correcting the arch shape and/or size of a patient by utilizing existing tooth shapes and sizes are provided. A method for correcting the position of the arch and/or teeth of a person is also provided either by a computer program or manually. Also provided is a method for correcting the position of teeth in the mouth, erupting teeth and/or teeth expected to erupt by utilizing existing tooth shapes and sizes and/or group standards. The dental appliance may be formed manually from altered models of the patient or may be formed from models made by stereolithography from a computer image. Further, the dental appliance may be made directly from laser-scanned models by stereolithography. Further, the dental appliances may have teeth sockets which may accept either a single tooth or multiple teeth. The teeth sockets may be formed to match the corresponding tooth of the patient identically or may be formed to correct the position of the tooth into the proper location. The teeth sockets may be sized based on predictions of the size and/or shape of the teeth which have not erupted. In addition, a series of appliances may be used to correct and/or guide the teeth of a patient into the proper location over a prolonged period of time. The dental appliance may correct, for example, rotations, spacing, crowding, overjet and/or overbite.

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A61C 7/00

IPC 8 full level
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CPC (source: EP KR US)
A61C 3/00 (2013.01 - KR); **A61C 7/00** (2013.01 - KR); **A61C 7/08** (2013.01 - EP US); **A61C 7/002** (2013.01 - EP US); **B33Y 80/00** (2014.12 - EP US)

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